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SEQUENCE LISTING

<110> Connex Gesellschaft zur Optimierung von Forschung und Entwicklung mbH

<120> Improved Method for Detecting Acid Resistant Microorganisms in the Stool

<130> 032034-002000

<140> 10/089,452
<141> 2003-01-27

<150> PCT/EP00/10058
<151> 2000-10-12

<150> EP 99120351.4
<151> 1999-10-12

<150> EP 00105592.0
<151> 2000-03-16

<150> EP 00107028.3
<151> 2000-03-31

<150> EP 00110110.4
<151> 2000-05-20

<160> 82

<170> PatentIn version 3.3

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aggcctggac agggtctgaa atggattgga tacattaatc ctgccactgg ttccacttct 180

tacaatcagg actttcagga cagggccact ttgaccgcag acaagtcctc caccacagcc 240

tacatgcagc tgaccagcct gacatctgag gactcttcag tctattactg tgcaagagag 300

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ttcagtggca gtgggtctgg gacctcttac tctctcacac tcagcagcat ggaggctgaa 240

gatgccgcca cttattactg ccagcagtgg agtagtaatc cgtacacgtt cggaggggg 300

accaagctgg agataaaa 318

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tcctgcacat cttctggctt caacattaaa gacacctatg tgcactggat gaaacagagg 120

cctgaacagg gcctggagtg gattggaaag attgatcctg cgaatggtaa aactaaatat 180

gacccgatat tccaggccaa ggccactatg acagcagacg catcctccaa tacagcctac 240

ctgcaactca gcagcctgac ttctgaggac actgccgtct attactgtgc tctccccatt 300

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gaagacttgg cagattattt ctgtcagcaa tatagcagct ctcccacgtt cggaggggg 300

gccaaggtgg aaataaaa 318

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gaagacattg cagattatta ctgtcaacaa agtaatacct ggccgctcac gttcggtgct 300

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aggcctggaa agggtcttga gtggattgga cggatttatc ctggagatgg agatactaac 180

tacaatggga agttcaaggg caaggccaca ctgactgcag acaaatcctc cagcacagcc 240

tacatgcaac tcaacagcct gacatctgag gactctgcgg tctacttctg tgtaagagag 300

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aggtttagtg gcagtggatc tggaacaggt ttcacattag tcatcagcag cctgcagcct 240

gaagacattg ccacttacta ctgtcaacag ggtcgaagtt atcctctcac gttcggtgct 300

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<210> 9
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<210> 10
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<212> PRT
<213> Artificial

<220>
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1 5 10 15

Asp

<210> 11
<211> 8
<212> PRT
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<220>
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Glu Gly Tyr Asp Gly Phe Asp Ser
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<210> 12
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<220>
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aactactgga ttcac 15

<210> 13
<211> 51
<212> DNA
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<210> 14
<211> 24
<212> DNA
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gaggggtacg acgggtttga ctcc 24

<210> 15
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<400> 15

Ser Ala Ser Ser Ser Val Asn Tyr Met Tyr
1 5 10

<210> 16
<211> 7
<212> PRT
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<220>
<223> Description of Artificial Sequence: CDR

<400> 16

Asp Thr Ser Lys Leu Ala Ser
1 5

<210> 17
<211> 9
<212> PRT
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<220>
<223> Description of Artificial Sequence: CDR

<400> 17

Gln Gln Trp Ser Ser Asn Pro Tyr Thr
1 5

<210> 18
<211> 30
<212> DNA
<213> Artificial

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<210> 19
<211> 21
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<400> 19
gacacatcca aattggcttc t 21

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Description of Artificial Sequence: CDR

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<400> 21

Asp Thr Tyr Val His
1 5

<210> 22
<211> 17
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<400> 22

Lys Ile Asp Pro Ala Asn Gly Lys Thr Lys Tyr Asp Pro Ile Phe Gln
1 5 10 15

Ala

<210> 23
<211> 11
<212> PRT
<213> Artificial

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<223> Description of Artificial Sequence: CDR

<400> 23

Pro Ile Tyr Tyr Ala Ser Ser Trp Phe Ala Tyr
1 5 10

<210> 24
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<220>
<223> Description of Artificial Sequence: CDR

<400> 24
gacacctatg tgcac 15

<210> 25
<211> 51
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<211> 11
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<223> Description of Artificial Sequence: CDR

<400> 27

Lys Ala Ser Gln Asp Val Gly Thr Ser Val Ala
1 5 10

<210> 28
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<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 28

Trp Thr Ser Thr Arg His Thr
1 5

<210> 29
<211> 8
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<223> Description of Artificial Sequence: CDR

<400> 29

Gln Gln Tyr Ser Ser Ser Pro Thr
1 5

<210> 30
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<400> 31
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<400> 32
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<210> 33
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<400> 33

Gly Phe Thr Phe Ser Ser His Phe Met Ser
1 5 10

<210> 34
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 34

Ser Ile Ser Ser Gly Gly Asp Ser Phe Tyr Pro Asp Ser Leu Lys Gly
1 5 10 15

<210> 35
<211> 9
<212> PRT
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<400> 35

Asp Tyr Ser Trp Tyr Ala Leu Asp Tyr
1 5

<210> 36
<211> 10

<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 36

Gly Tyr Ala Phe Ser Thr Ser Trp Met Asn
1 5 10

<210> 37
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 37

Arg Ile Tyr Pro Gly Asp Gly Asp Thr Asn Tyr Asn Gly Lys Phe Lys
1 5 10 15

Gly

<210> 38
<211> 13
<212> PRT
<213> Artificial

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<400> 38

Glu Asp Ala Tyr Tyr Ser Asn Pro Tyr Ser Leu Asp Tyr
1 5 10

<210> 39
<211> 30
<212> DNA
<213> Artificial

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<223> Description of Artificial Sequence: CDR

<400> 39
ggctacgcat tcagtacctc ctggatgaac 30

<210> 40
<211> 51
<212> DNA
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<223> Description of Artificial Sequence: CDR

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<210> 41

<211> 39
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gaggatgcct attatagtaa cccctatagt ttggactac 39

<210> 42
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<400> 42
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<210> 43
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<212> DNA
<213> Artificial

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<211> 27
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<210> 45
<211> 11
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<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 45

Arg Ala Ser Gln Ser Ile Gly Thr Arg Ile His
1 5 10

<210> 46
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<212> PRT
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<220>
<223> Description of Artificial Sequence: CDR

<400> 46

Tyr Gly Ser Glu Ser Ile Ser
1 5

<210> 47
<211> 9
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 47

Gln Gln Ser Asn Thr Trp Pro Leu Thr
1 5

<210> 48
<211> 11
<212> PRT
<213> Artificial

<220>
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<400> 48

His Ala Ser Gln Asn Ile Asn Val Trp Leu Ser
1 5 10

<210> 49
<211> 7
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 49

Lys Ala Ser Asn Leu His Thr
1 5

<210> 50
<211> 9
<212> PRT
<213> Artificial

<220>
<223> Description of Artificial Sequence: CDR

<400> 50

Gln Gln Gly Arg Ser Tyr Pro Leu Thr
1 5

<210> 51
<211> 33
<212> DNA
<213> Artificial

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<223> Description of Artificial Sequence: CDR

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tatggttctg agtctatctc t 21

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caacaaagta atacctggcc gctcacg 27

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<220>
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<400> 55
aaggcttcca acttgcacac a 21

<210> 56
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caacagggtc gaagttatcc tctcacg 27

<210> 57
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<400> 57

Glu Arg Leu His Asp Thr Ile Gly Glu Ser Leu Ala His Val Thr His
1 5 10 15

Lys

<210> 58
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<212> DNA
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<223> PCR primer - MVH1

<400> 58
gcaggtgcag ctcgaggagt caggacct 28

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<210> 62
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gaaggtgaag ctcgaggagt ctggagga 28

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<210> 68
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<210> 72
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<211> 32
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<223> PCR Primer - MUVK3

<400> 74
ccagttccga gctcgtgctc acccagtctc ca 32

<210> 75
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<223> PCR Primer - MUVK6

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<210> 78
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<210> 80
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<210> 81
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<400> 81
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<210> 82
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<223> PCR Primer - 3' MUCK

<400> 82
gcgccgtcta gaattaacac tcattcctgt tgaa 34